

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (Currently Amended): A brassiere formed in such a manner that a housing part for housing a diagnostic sensor is formed, comprising: and

in the case where an abnormality occurs in a mamma, an antigen or ligand as a cause of the abnormality is detected by the diagnostic sensor in the housing part, and the abnormality is notified,

the sensor comprises:

a detecting means for detecting any of various pathogens existing in a part of a living body and/or body fluid of the living body or a gas emitted from the living body, or an antigen or ligand corresponding to the abnormality or disease, that the detecting means is formed by applying or attaching an antibody or protein on or near an integrated circuit formed on a semiconductor substrate, a part to which the antibody or protein is applied or attached and the integrated circuit are electrically connected to each other via a conductor; and

a signal generating means for generating a signal when the detecting means detects any of the pathogens, antigen, or ligand, that the signal generating means is formed in the integrated circuit, and when a surface acoustic wave current which is generated when the antibody and the antigen bind to each other or the protein and the ligand bind to each other is transmitted via the conductor to the integrated circuit, a signal corresponding to the surface acoustic wave current is transmitted to the

U.S. Patent Application Serial No. **10/590,312**  
Reply to OA dated December 11, 2009

outside of the integrated circuit.

Claim 2 (Cancel)

Claim 3 (Cancel)

Claim 4 (Cancel)

Claim 5 (Cancel)

Claim 6 (Cancel)

Claim 7 (Cancel)

Claim 8 (Cancel)

Claim 9 (Cancel)

Claim 10 (Cancel)

U.S. Patent Application Serial No. **10/590,312**  
Reply to OA dated December 11, 2009

Claim 11 (Cancel)

Claim 12 (Cancel)